

Dubai Police Fines Web Service Specification Document

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| --- |
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**Document Control**

**Revision History**

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**Approvals**

This document requires the approval of:

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| **Name** | **Title** | **Signature** | **Date** |
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# **Introduction**

Dubai Police Fines Web Service Specification Document is used to Insert Fine, Update Fine Image and Present License.

This document describes Dubai Police Fines Web Service functional specifications which include the service endpoint, operations, input operation parameters, operation response and applications errors.

# **Functional specifications**

1. Dubai Police Fines Web Service will be deployed on E-Traffic system and used by external systems to inquire lookup values from traffic system.

|  |  |
| --- | --- |
| **Service name** | DubaiPoliceFinesService |
| **Service description** | Dubai Police Fines Service |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/DubaiPoliceFinesService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/DubaiPoliceFinesService?wsdl |

# **Service Operations**

This section describes Dubai Police Fines Web Service operations, input operation parameters, operation response and applications errors.

WSDL File



Dubai Police Fines Service Operations:

1. **addFineOperation**
2. **updateFineImage**
3. **presentLicense**

## Dubai Police Fines Service

## Add Fine Operation

This method is used to add Fine data.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| addFine | Complex Type | N/A | No | Add Fine Type |

### Add Fine Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Ticket Info | Complex Type | N/A | No | Ticket Info Type |

### Ticket Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Ticket Type Media | Integer | 2 | No | 1-Image Ticket  2-Audio Ticket  3-Video Ticket  4-E-Ticket  5-Digital Radar |
| Auto Validate | Integer | 1 | No | 1-False  2-True |
| Ticket No | Long | 15 | Yes | Ticket Number |
| Ticket Type | Integer | 1 | No | 1. Attended 2. Unattended |
| Ticket Date | String | N/A | No | It will be ticket date (Date & time)  And format will be dd/MM/yyyy HH:mm:ss |
| Issued Ticket Center Code | Long | 15 | No | It will be issued ticket center ID |
| Entered Ticket Center Code | Long | 15 | NO | It will be entered ticket center ID |
| Ticket Location Id | String | 30 | No | It will be Id for ticket location |
| Digital Radar | Complex Type | N/A | Yes | Digital Radar |
| Gps Latitude | String | N/A | Yes | Gps Latitude |
| Gps Longitude | String | N/A | Yes | Gps Longitude |
| Gps Loc Desc Ar | String | N/A | Yes | Gps Location Description Arabic |
| gpsLocDescEn | String | N/A | Yes | Gps Location Description English |
| Vehicle Speed | Integer | 3 | Yes | Vehicle Speed |
| Crossing Red Light Time | Double | 6 | Yes | Crossing Red Light Time |
| Offender | Complex Type | N/A | Yes | Offender Info Type |
| Ticket Violations | Complex Type | N/A | Yes | Ticket Violation Type |
| Ticket Ref No | String | 30 | Yes | Ticket Reference Number |
| Employee No | String | 30 | Yes | Employee Number |
| License Held Status | Integer | 1 | No | License Held Status  1 FALSE, 2 TRUE |
| Booklet Held Status | Integer | 1 | No | Booklet Held Status  1 FALSE, 2 TRUE |
| Uts Traffic File | Long | 15 | Yes | Uts Traffic File |
| Uts Mobile No | String | 15 | Yes | Uts Mobile Number |
| Attatchments Details | Complex Type | N/A | Yes | Attatchments Details Type |

### Digital Radar

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| radarCode | Number | 5 | No | An excel sheet needs to be provided that contains the registered radars in E-Traffic system |
| radarType | Number | 1 | No | Check ***Notes and Issues*** section to know this element possible values |
| radarLocationId | Number | 15 | No | An excel sheet needs to be provided that contains the registered radars locations in E-Traffic system |
| radarSetupSpeed | Number | 3 | Yes | Road Speed |
| roadSpeed | Number | 3 | Yes | Radar Setup |
| roadCode | Number | 5 | Yes | Road Code |

### Offender Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Offender Type | Complex Type | N/A | Yes | Offender Type |
| Offender Name A | String | 128 | Yes | Offender Name Arabic |
| Offender Name E | String | 128 | Yes | Offender Name English |
| Nationality Id | Long | 15 | Yes | Nationality Id |
| Gender | Integer | 1 | Yes | Gender : 1 female, 2 male |

### Offender Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Plate | Complex Type | N/A | Yes | Plate Info Type |
| Driving License | Complex Type | N/A | Yes | License Info Type |
| Vehicle | Complex Type | N/A | Yes | Vehicle Info Type |

### Plate Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Plate No | String | 30 | Yes | Plate Number |
| Plate Source | Integer | 1 | Yes | Plate Source:  1 emirate , 2 country , 3 city |
| Plate Code Id | Long | 15 | Yes | Plate Code Id : it will filled when plate source is 1 emirate |
| Plate Country From | Long | 15 | Yes | Plate Country From Id: it will filled when plate source is 2 country |
| Plate City From | Long | 15 | Yes | Plate City From Id: it will filled when plate source is 3 city |
| Plate Color Desc | String | 128 | Yes | Plate Color Description |
| Plate Category Desc | String | 128 | Yes | Plate Category Description |

### Ticket Violation Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Violation | Positive Integer | 15 | Yes | Violation |

### Attachments’ Details Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Attachment | Complex Type | N/A | Yes | Attachments Details |

### Attachments’ Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Ticket Media File | Base 64 Binary | N/A | No | Ticket Media File |
| File Name | String | 30 | No | File Name |
| Mime Type | String | 30 | No | Mime Type |

### Vehicle Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Vehicle Manufacturer | Long | 15 | Yes | Vehicle Manufacturer |
| Vehicle Class | Long | 15 | Yes | Vehicle Class |
| Vehicle Color | Positive Integer | 2 | Yes | Vehicle Color from domain **'TF\_COLOR'** |

### License Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| License No | String | 30 | Yes | License Number |
| License Type | Integer | 1 | Yes | License Type: 1 Permanent, 2 Temporary |
| License Emirate From | String | 3 | Yes | License Emirate From: it will filled when License source is 1 emirate ,the values are :   * + **AUH** for Abu Dubai.   + **DXB** for Dubai.   + **SHJ** Sharjah.   + **AJM** for Ajman.   + **UMQ** for Um Al Quewain.   + **RAK** for Ras Al Khaymah.   + **FUJ** for AL Fujairah. |
| License Country From | Long | 15 | Yes | License Country From Id: it will filled when License source is 2 country |
| License City From | Long | 15 | Yes | License City From Id: it will filled when License source is 3city |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| addFineInfoReturn | Complex Type | N/A | No | Add Fine Info Return |

### add Fine Info Return Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| addFineInfoResult | Complex type | N/A | No | Add Fine Info Result |

### Insert Fine Info Result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Response Code | Integer | 1 | Yes | Response Code   * **0**: if ticket is inserted successfully * **1**: if ticket is failed to insert because business rule is not valid |
| Response Description | String | 128 | Yes | Response Description   * **Success** : 0, if ticket is inserted successfully * **Failed**: 1, if ticket is failed to insert because business rule is not valid, and it will return business rule key with BR description in Arabic |
| Error Code | String | 15 | Yes | Error Code : Business error code or 999 for other exception |
| Message Ar | String | 128 | Yes | Message Arabic |
| Message En | String | 128 | Yes | Message English |
| Ticket No | Positive Integer | 8 | Yes | Ticket Number |
| Slot No | Positive Integer | 8 | Yes | Slot Number |

### Operation Faults

|  |  |  |
| --- | --- | --- |
| **Message** **En** | **Message Ar** | **Error Code** |
| يجب ان يكون رقم المخالفة عبارة عن رقم وان لايقل عن 11 خانة | يجب ان يكون رقم المخالفة عبارة عن رقم وان لايقل عن 11 خانة | BR\_MMS007\_MER |
| تاريخ ووقت المخالفة اجباري ويجب ان يكون اقل او يساوي تاريخ اليوم | تاريخ ووقت المخالفة اجباري ويجب ان يكون اقل او يساوي تاريخ اليوم | BR\_MMS008\_MER |
| نوع المخالفة اجباري | نوع المخالفة اجباري | BR\_MMS009\_MER |
| مركز ادخال المخالفة اجباري | مركز ادخال المخالفة اجباري | BR\_MMS010\_MER |
| موقع المخالفة اجباري | موقع المخالفة اجباري | BR\_MMS011\_MER |
| اسم المخالف بالعربي اجباري | اسم المخالف بالعربي اجباري | BR\_MMS012\_MER |
| اسم المخالف بالانجليزي اجباري | اسم المخالف بالانجليزي اجباري | BR\_MMS013\_MER |
| جنسية المخالف اجباري | جنسية المخالف اجباري | BR\_MMS014\_MER |
| يجب ادخال بنود المخالفة | يجب ادخال بنود المخالفة | BR\_MMS015\_MER |
| يجب ادخال رقم المخالفة | يجب ادخال رقم المخالفة | BR\_MMS016\_MER |
| يجب عدم ادخال رقم المخالفة | يجب عدم ادخال رقم المخالفة | BR\_MMS017\_MER |
| يجب ادخال رقم الموظف | يجب ادخال رقم الموظف | BR\_MMS018\_MER |
| لايسمح بتكرار نفس رقم المخالفة | لايسمح بتكرار نفس رقم المخالفة | BR\_MMS019\_MER |
| لايسمح بإضافة بيانات الرخصة ونوع المخالفة غيابية | لايسمح بإضافة بيانات الرخصة ونوع المخالفة غيابية | BR\_MMS020\_MER |
| يجب إضافة بيانات الرخصة حيث نوع المخالفة حضورية | يجب إضافة بيانات الرخصة حيث نوع المخالفة حضورية | BR\_MMS021\_MER |
| يجب إدخال نوع وسائط المخالفة | يجب إدخال نوع وسائط المخالفة | BR\_MMS022\_MER |
| رقم الموبايل المدخل غير صحيح | رقم الموبايل المدخل غير صحيح | BR\_MMS023\_MER |
| المعلومات المرسالة غير صحيحة | المعلومات المرسالة غير صحيحة | BR\_MMS024\_MER |
| لا يمكن ارسال نص اشارة حمراء بدون ارسال زمن عبور الاشاارة الحمراء | لا يمكن ارسال نص اشارة حمراء بدون ارسال زمن عبور الاشاارة الحمراء | BR\_MMS025\_MER |
| لا يمكن ارسال نص سرعة بدون ارسال سرعة المركبة | لا يمكن ارسال نص سرعة بدون ارسال سرعة المركبة | BR\_MMS026\_MER |
| سرعة المركبة المرسلة غير متوافقة مع النص المرسل | سرعة المركبة المرسلة غير متوافقة مع النص المرسل | BR\_MMS027\_MER |
| هذا النص غير معرف للرادار المرسل | هذا النص غير معرف للرادار المرسل | BR\_TDR001\_MER |
| سرعة المركبة يجب ان تكون اكبر من أو مساوي سرعة الشارع | سرعة المركبة يجب ان تكون اكبر من أو مساوي سرعة الشارع | BR\_MMS028\_MER |

### Sample SOAP Request:



### Sample SOAP Response:



## 2. Update Fine Image Operation

This method is used to Update Fine image in E-Traffic System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| updateFinetImageRequest | Complex Type | N/A | No | Update Fine Image |

### Update Fine Image Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Ticket Image Info | Complex Type | N/A | No | Ticket Image Info |

### Ticket Image Info

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Ticket No | Long | 15 | No | Ticket Number |
| Attatchments Details | Complex Type | N/A | No | Attatchments Details Type |

### Attachments Details Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Attachment | Complex Type | N/A | No | Attachments Details |

### Attachments Details

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Ticket Media File | Base 64 Binary | N/A | No | Ticket Media File |
| File Name | String | 30 | No | File Name |
| Mime Type | String | 30 | No | Mime Type |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Update Fine Image Response | Complex Type | N/A | No | Update Fine Image Return |

### Update Fine Image Return

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Update Fine Image Result | Complex type | N/A | No | Update Fine Image Result |

### Update Fine Image Result

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Response Code | Integer | 1 | Yes | Response Code   * **0**: if attachment is updated successfully * **1**: if process failed business rule is not valid |
| Response Description | String | 128 | Yes | Response Description   * **Success** : 0, if attachment is updated successfully * **Failed**: 1, if update is failed because business rule is not valid, and it will return business rule key with BR description in Arabic |
| Error Code | String | 15 | Yes | Error Code : Business error code or 999 for other exception |
| Message Ar | String | 128 | Yes | Message Arabic |
| Message En | String | 128 | Yes | Message English |
| Ticket No | Positive Integer | 8 | No | Ticket Number |
| Slot No | Positive Integer | 8 | Yes | Slot Number |

### Operation Faults

|  |  |  |
| --- | --- | --- |
| **Message** **En** | **Message Ar** | **Error Code** |
| يجب ادخال رقم المخالفة | يجب ادخال رقم المخالفة | BR\_MMS016\_MER |
| يجب أن يتكون رقم المخالفة من ارقام فقط | يجب أن يتكون رقم المخالفة من ارقام فقط | BR\_MMS036\_MER |
| مرفق الصورة مطلوب | مرفق الصورة مطلوب | BR\_MMS034\_MER |
| المعلومات المرسالة غير صحيحة | المعلومات المرسالة غير صحيحة | BR\_MMS024\_MER |
| لا يوجد مخالفة تحمل هذا الرقم في النظام | لا يوجد مخالفة تحمل هذا الرقم في النظام | BR\_MMS033\_MER |
| يجب أن تكون حالة المخالفة مثبتة أو مدفوعة أو دفعت في المصدر | يجب أن تكون حالة المخالفة مثبتة أو مدفوعة أو دفعت في المصدر | BR\_MMS037\_MER |
| تم إدخال مخالفة من قبل تحت نفس مرجع الصورة | تم إدخال مخالفة من قبا تحت نفس مرجع الصورة | BR\_TCK092\_MER |

### Sample SOAP Request:



### Sample SOAP Response:



## 3. Present License Operation

This method is used to assign License for the selected tickets

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| presentLicenseRequest | Complex Type | N/A | No | Present License |

### Present License Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Present License Info | Complex Type | N/A | No | Present License Info |

### Present License Info

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Ticket No | Long | 15 | No | Ticket Number |
| Driving License | Complex Type | N/A | No | Driving License |
| License No | Long | 15 | No | License Number |
| License Type | Long | 15 | No | License Type |
| License From | String | 3 | No | License From |
| Offender Name Arabic | String | 128 | Yes | Offender Name Arabic |
| Offender Nationality | Integer | 3 | Yes | Offender Nationality |
| Offender Gender | Integer | 1 | Yes | Offender Gender |

### Driving License Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| License No | Long | 15 | No | License Number |
| License Type | Long | 15 | No | License Type |
| License Emirate From | String | 3 | No | License Emirate From |
| License Country From | Long | 3 | Yes | License Country From |
| License City From | Long | 3 | Yes | License City From |

### Sample SOAP Request:



### Sample SOAP Response:

